Mountain Weather Forecast

Yorkshire Dales National Park

Forecast valid from 06:00 on Tuesday 17 Oct 2023 until 23:59 on Wednesday 18 Oct 2023

Forecast Issued on Tuesday 17 Oct 2023 at 03:35

Confidence: High becoming Medium in detail from Wednesday and Low form Friday.

Headline for Tuesday 17 Oct 2023: Dry and bright. Strengthening easterly winds, with gales developing. Feeling chilly over the tops.

Mountain weather hazards on Tuesday 17 Oct 2023

Blizzards
No Likelihood

Gales
High Likelihood

Thunderstorms
No Likelihood

Heavy persistent snow
No Likelihood

Severe chill effect
Medium Likelihood

Heavy persistent rain
No Likelihood

Storm force winds
Medium Likelihood

Poor visibility
Low Likelihood

Strong sunlight
No Likelihood

Weather and chance of precipitation at 600m					
Time					
06:00	09:00	12:00	15:00	18:00	21:00
Cloudy	Cloudy	Cloudy	Light rain	Cloudy	Cloudy
Precipitation probability					
<05%	10%	10%	20%	10%	30%

Forecast for Tuesday 17 Oct 2023

Weather: Dry and bright with long sunny spells, which will turn increasingly hazy through the day as high cloud spreads across. Cloud thickening in afternoon with patchy light rain possible in the evening. Strengthening easterly or southeasterly winds.

Chance of cloud-free hill tops above 600m: 70%

Low Cloud and visibility: Mostly no significant cloud, but occasional cloud, base 500m, possible over the east of the park. Visibility mainly good or very good, except in any summit cloud in the east.

Check our weather forecast every day to get the most accurate and up to date information
https://www.metoffice.gov.uk/weather/specialist-forecasts/mountain
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Met Office Mountain Weather Forecast

Forecast for Tuesday 17 Oct 2023

Height (m)	Wind Speed mean/gusts (mph) Wind Direction (blowing from)						
	06:00	09:00	12:00	15:00	18:00	21:00	00:00
600	7/17 NE	12/19 E	17/23 E	19/27 E	24/36 E	25/38 E	25/37 E
300	5/18 NE	6/16 E	12/25 E	15/29 E	11/29 E	10/28 SE	13/32 E
Valley	6/15 E	9/19 E	11/25 E	12/30 E	19/40 E	20/43 E	20/43 E

Height (m)	Temperature / Feels Like (°C)						
	06:00	09:00	12:00	15:00	18:00	21:00	00:00
600	5/2	5/1	7/2	8/4	6/1	6/0	6/0
300	4/2	8/6	10/8	11/8	8/6	8/6	8/5
Valley	6/3	9/7	12/10	12/10	10/7	10/6	10/6
Freezing Level*	1300m	1400m	1500m	1500m	1400m	1400m	1800m

**Level above which ground is expected to be frozen/snow is expected to settle.*

Meteorologist's View

Note strengthening winds.

Recent rainfall: measured at Malham: altitude 375m

Recorded at	Last 24 hours:	Last 48 hours:	Last 72 hours:
02:00 on Tue 17 Oct 2023	0mm	0mm	1.8mm

Forecast for Wednesday 18 Oct 2023

Weather: Mainly dry and windy overnight. Often dry during daylight hours on Wednesday with some bright or sunny spells. Variable amounts of cloud before becoming cloudy later with wet conditions developing in the evening. Gales or severe gales and a significant wind chill over the tops.

Maximum wind: East or Southeast 30 to 35mph gusts 55mph.

Chance of cloud-free hill tops above 600m: 70% falling 30% in the evening.

Low Cloud and visibility: Cloud bases mainly near or above the tops at first, but becoming extensive, base around 500m, by the end of the afternoon, lowering to 300m or less at times in the evening. Visibility good or very good falling moderate in rain and poor or very poor in cloud and heavier rain later.

Temperature: **Valleys:** Plus 8 degrees Celsius to plus 14 degrees Celsius.
At 600m: Plus 5 degrees Celsius to plus 9 degrees Celsius.
Freezing level: Above the summits

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